

The following is a stream of consciousness list of keywords you should be familiar with for the first exam. They do not follow any order.

- Planet (wanderer)
- retrograde motion
- Aristotle's arrangement
- epicycle
- deferent, eccentric, equant
- Ptolemy
- The Greek approach to the size of the universe
- Copernicus
- Tycho
- Kepler
- hypothesis
- saving the appearances
- Ptolemy's cosmology
- models
- ellipses
- Kepler's three laws
- Galileo and the tides
- nested spheres
- angular diameter
- inertia
- Galileo
- Newton
- trial of Galileo
- *Dialog of Galileo*
- *de Revolutionibus*
- *Almagest*
- *Planetary Hypothesis*
- Copernicus' cosmology
- Tycho's cosmology